

PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

Assistant Commissioner for Patents
United States Patent and Trademark
Office
Box PCT
Washington, D.C.20231
ÉTATS-UNIS D'AMÉRIQUE

in its capacity as elected Office

Date of mailing (day/month/year) 01 October 1999 (01.10.99)	in its capacity as elected Office
International application No. PCT/SG98/00023	Applicant's or agent's file reference SY5000141WOF
International filing date (day/month/year) 18 March 1998 (18.03.98)	Priority date (day/month/year)
Applicant HO, Anthony, Tung, Shuen	

1. The designated Office is hereby notified of its election made:

in the demand filed with the International Preliminary Examining Authority on:

24 August 1999 (24.08.99)

in a notice effecting later election filed with the International Bureau on:

2. The election was

X

was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

<p>The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland</p> <p>Facsimile No.: (41-22) 740.14.35</p>	<p>Authorized officer</p> <p>C. Carrié</p> <p>Telephone No.: (41-22) 338.83.38</p>
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PA, ENT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING OF A CHANGE

(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

Date of mailing (day/month/year)
27 August 1999 (27.08.99)

From the INTERNATIONAL BUREAU

To:

HAQ, Murgiana
Haq & Namazie Partnership
Robinson Road Post Office
P.O. Box 765
Singapore 901 515
SINGAPOUR

Applicant's or agent's file reference SY5000141WOF	IMPORTANT NOTIFICATION
International application No. PCT/SG98/00023	International filing date (day/month/year) 18 March 1998 (18.03.98)

1. The following indications appeared on record concerning:

the applicant the inventor the agent the common representative

Name and Address	State of Nationality	State of Residence
	Telephone No.	
	Facsimile No.	
	Teleprinter No.	

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

the person the name the address the nationality the residence

Name and Address HO, Anthony, Tung, Shuen Nanyang Technological University School of Electrical & Electronic Engineering Block S2 Nanyang Avenue Singapore 639 798 Singapore	State of Nationality	State of Residence
	GB	SG
	Telephone No.	
	Facsimile No.	
Teleprinter No.		

3. Further observations, if necessary:

**The above-mentioned applicant/inventor has assigned his rights to DATAMARK TECHNOLOGIES PTE LTD for the purposes of all designated States except US
HO, Anthony, Tung, Shuen is now applicant/inventor for US only.**

4. A copy of this notification has been sent to:

<input checked="" type="checkbox"/> the receiving Office	<input checked="" type="checkbox"/> the designated Offices concerned
<input type="checkbox"/> the International Searching Authority	<input type="checkbox"/> the elected Offices concerned
<input type="checkbox"/> the International Preliminary Examining Authority	<input type="checkbox"/> other:

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer J. Leitao Telephone No.: (41-22) 338.83.38
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INTERNATIONAL SEARCH REPORT

International application No.
PCT/SG 98/00023

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁶: G 06 F 12/14

PTO/PCT RSP 17 AUG 2000

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁶: G 06 F 12/14

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 97/26 732 A1 (DICE) 24 July 1997 (24.07.97), abstract; claim 1.	
A	WO 97/43 761 A2 (INTERTRUST) 20 November 1997 (20.11.97), abstract. -----	

Further documents are listed in the continuation of Box C.

See patent family annex.

- * Special categories of cited documents:
 - ..A" document defining the general state of the art which is not considered to be of particular relevance
 - ..E" earlier application or patent but published on or after the international filing date
 - ..L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 - ..O" document referring to an oral disclosure, use, exhibition or other means
 - ..P" document published prior to the international filing date but later than the priority date claimed

- ..T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- ..X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- ..Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- ..&" document member of the same patent family

Date of the actual completion of the international search

26 April 1999 (26.04.99)

Date of mailing of the international search report

12 May 1999 (12.05.99)

Name and mailing address of the ISA/AT

Austrian Patent Office
Kohlmarkt 8-10; A-1014 Vienna
Facsimile No. 1/53424/535

Authorized officer

Fastenbauer

Telephone No. 1/53424/447

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG 98/00023

In Recherchenbericht angeführtes Patentdokument Patent document cited in search report	Datum der Veröffentlichung Publication date	Mitglied(er) der Patentfamilie Patent family member(s)	Datum der Veröffentlichung Publication date
Document de brevet cité dans le rapport de recherche	Date de publication	Membre(s) de la famille de brevets	Date de publication
WO A1 9726732	24-07-1997	AU A1 US A	18294/97 5745569
			11-08-1997 28-04-1998
WO A2 9743761	20-11-1997	AU A1 EP A2 WO A1 WO A3 AU A1 AU A1 AU A1	32057/97 898777 9810381 9743761 71062/96 36815/97 36816/97
			05-12-1997 03-03-1999 12-03-1998 02-04-1998 26-03-1998 19-02-1998 19-02-1998

COPY

PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only	
International Application No.	
International filing Date	
REGISTRY OF TRADEMARKS AND PATENTS SINGAPORE	
Name of receiving Office and "PCT International Application"	
Applicant's or agent's file reference (if desired) (12 characters maximum)	
SY5000141WOF	

Box No. I TITLE OF INVENTION

Method and Apparatus For Camouflaging Data

Box No. II. APPLICANT

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (i.e. country) of residence if no State of residence is indicated below.)

HO, ANTHONY TUNG SHUEN
c/o Nanyang Technological University
School of Electrical & Electronic Engineering
Block S2, Nanyang Avenue,
Singapore 639 798
REPUBLIC OF SINGAPORE

This person is also inventor.

Telephone No.

Facsimile No.

Teleprinter No.

State (i.e. country) of nationality:

GREAT BRITAIN, CANADA

State (i.e. country) of residence:

SINGAPORE

This person is applicant all designated all designated States except the United States for the purposes of: States the United States of America of America only the States indicated in the Supplemental Box

Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (i.e. country) of residence if no State of residence is indicated below.)

This person is:

- applicant only
- applicant and inventor
- inventor only (If this check-box is marked, do not fill in below.)

State (i.e. country) of nationality:

State (i.e. country) of residence:

This person is applicant all designated all designated States except the United States for the purposes of: States the United States of America of America only the States indicated in the Supplemental Box

Further applicants and/or (further) inventors are indicated on a continuation sheet.

Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:

Agent

common representative

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Telephone No.

(65) 438 6613

Murgiana Haq

Facsimile No.

Farah Namazie

(65) 438 7383, (65) 438 7393

of HAQ & NAMAZIE PARTNERSHIP

Teleprinter No.

Robinson Road Post Office, P.O. Box 765,
Singapore 901515, REPUBLIC OF SINGAPORE

Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondences should be sent.

See Notes to the request form

Box No.V DESIGNATION OF STATES

The following designations are hereby made under Rule 4.9(a) (mark the applicable check-boxes; at least one must be marked):

Regional Patent

AP ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, SD Sudan, SZ Swaziland, UG Uganda, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT

EA Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT

EP European Patent: AT Austria, BE Belgium, CH and LI Switzerland and Liechtenstein, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, and any other State which is a Contracting State of the European Patent Convention and of the PCT

OA OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line)

National Patent (if other kind of protection or treatment desired, specify on dotted line):

<input type="checkbox"/> AL Albania	<input type="checkbox"/> LT Lithuania
<input type="checkbox"/> AM Armenia	<input type="checkbox"/> LU Luxembourg
<input type="checkbox"/> AT Austria	<input type="checkbox"/> LV Latvia
<input checked="" type="checkbox"/> AU Australia	<input type="checkbox"/> MD Republic of Moldova
<input type="checkbox"/> AZ Azerbaijan	<input type="checkbox"/> MG Madagascar
<input type="checkbox"/> BA Bosnia and Herzegovina	<input type="checkbox"/> MK The former Yugoslav Republic of Macedonia
<input type="checkbox"/> BB Barbados	<input type="checkbox"/> MN Mongolia
<input type="checkbox"/> BG Bulgaria	<input type="checkbox"/> MW Malawi
<input type="checkbox"/> BR Brazil	<input type="checkbox"/> MX Mexico
<input type="checkbox"/> BY Belarus	<input type="checkbox"/> NO Norway
<input checked="" type="checkbox"/> CA Canada	<input type="checkbox"/> NZ New Zealand
<input type="checkbox"/> CH and LI Switzerland and Liechtenstein	<input type="checkbox"/> PL Poland
<input type="checkbox"/> CN China	<input type="checkbox"/> PT Portugal
<input type="checkbox"/> CU Cuba	<input type="checkbox"/> RO Romania
<input type="checkbox"/> CZ Czech Republic	<input type="checkbox"/> RU Russian Federation
<input type="checkbox"/> DE Germany	<input type="checkbox"/> SD Sudan
<input type="checkbox"/> DK Denmark	<input type="checkbox"/> SE Sweden
<input type="checkbox"/> EE Estonia	<input checked="" type="checkbox"/> SG Singapore
<input type="checkbox"/> ES Spain	<input type="checkbox"/> SI Slovenia
<input type="checkbox"/> FI Finland	<input type="checkbox"/> SK Slovakia
<input type="checkbox"/> GB United Kingdom	<input type="checkbox"/> SL Sierra Leone
<input type="checkbox"/> GE Georgia	<input type="checkbox"/> TJ Tajikistan
<input type="checkbox"/> GH Ghana	<input type="checkbox"/> TM Turkmenistan
<input type="checkbox"/> GM Gambia	<input type="checkbox"/> TR Turkey
<input type="checkbox"/> GW Guinea-Bissau	<input type="checkbox"/> TT Trinidad and Tobago
<input type="checkbox"/> HU Hungary	<input type="checkbox"/> UA Ukraine
<input type="checkbox"/> ID Indonesia	<input type="checkbox"/> UG Uganda
<input type="checkbox"/> IL Israel	<input checked="" type="checkbox"/> US United States of America
<input checked="" type="checkbox"/> IS Iceland	<input type="checkbox"/> UZ Uzbekistan
<input checked="" type="checkbox"/> JP Japan	<input type="checkbox"/> VN Viet Nam
<input type="checkbox"/> KE Kenya	<input type="checkbox"/> YU Yugoslavia
<input type="checkbox"/> KG Kyrgyzstan	<input type="checkbox"/> ZW Zimbabwe
<input type="checkbox"/> KP Democratic People's Republic of Korea	
<input type="checkbox"/> KR Republic of Korea	
<input type="checkbox"/> KZ Kazakhstan	
<input type="checkbox"/> LC Saint Lucia	
<input type="checkbox"/> LK Sri Lanka	
<input type="checkbox"/> LR Liberia	
<input type="checkbox"/> LS Lesotho	

Check-boxes reserved for designating States (for the purposes of a national patent) which have become party to the PCT after issuance of this sheet:

.....

.....

.....

In addition to the designations made above, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except the designation(s) of

The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation of a designation consists of the filing of a notice specifying that designation and the payment of the designation and confirmation fees. Confirmation must reach the receiving Office within the 15-month time limit.)

Box No. VI PRIORITY CLAIMFurther priority claims are indicated in the Supplemental Box

The priority of the following earlier application(s) is hereby claimed:

Country (in which, or for which, the application was filed)	Filing Date (day/month/year)	Application No.	Office of filing (only for regional or international application)
Item (1)			
Item (2)			
Item (3)			

Mark the following check-box if the certified copy of the earlier application is to be issued by the Office which for the purposes of the present international application is the receiving Office (a fee may be required):

The receiving Office is hereby requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s): _____

Box No. VII INTERNATIONAL SEARCHING AUTHORITY

Choice of International Searching Authority (ISA) (If two or more International Searching authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used): ISA / AT

Earlier search Fill in where a search (international, international-type or other) by the International Searching Authority has already been carried out or requested and the Authority is now requested to base the international search, to the extent possible, on the results of that earlier search. Identify such search or request either by reference to the relevant application (or the translation thereof) or by reference to the search request:

Country (or regional Office): Date (day/month/year): Number:

Box No. VIII CHECK LIST

This international application contains the following number of sheets:

1. request	:	3	sheets
2. description	:	16	sheets
3. claims	:	9	sheets
4. abstract	:	1	sheets
5. drawings	:	8	sheets
Total	:	37	sheets

This international application is accompanied by the item(s) marked below:

1. <input checked="" type="checkbox"/>	separate signed power of attorney	5. <input checked="" type="checkbox"/>	fee calculation sheet
2. <input type="checkbox"/>	copy of general power of attorney	6. <input type="checkbox"/>	separate indications concerning deposited microorganisms
3. <input type="checkbox"/>	statement explaining lack of signature	7. <input type="checkbox"/>	nucleotide and/or amino acid sequence listing (diskette)
4. <input type="checkbox"/>	priority document(s) identified in Box No. VI as item(s)	8. <input type="checkbox"/>	other (specify): _____

Figure No. _____ of the drawings (if any) should accompany the abstract when it is published.

Box No. IX SIGNATURE OF APPLICANT OR AGENT

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).


 FARAH NAMAZIE

Agent

For receiving Office use only

1. Date of actual receipt of the purported international application:	2. Drawings:	
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purpose international application:	<input type="checkbox"/>	received:
4. Date of timely receipt of the required Corrections under PCT Article 11(2):	<input type="checkbox"/>	not received:
5. International Searching Authority Specified by the applicant: ISA /	6. <input type="checkbox"/>	Transmittal of search copy delayed until search fee is paid

For International Bureau use only

Date of receipt of the record copy
By the International Bureau:

PATENT COOPERATION TREATY

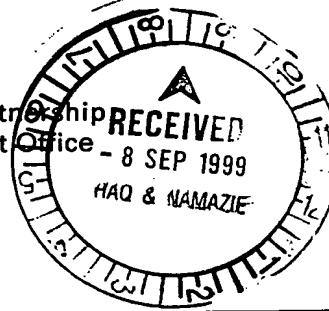
PCT

NOTIFICATION OF THE RECORDING
OF A CHANGE(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

HAQ, Murgiana
Haq & Namazie Partnership
Robinson Road Post Office - 8 SEP 1999
P.O. Box 765
Singapore 901 515
SINGAPOUR



Date of mailing (day/month/year) 27 August 1999 (27.08.99)			
Applicant's or agent's file reference SY5000141WOF	IMPORTANT NOTIFICATION		
International application No. PCT/SG98/00023	International filing date (day/month/year) 18 March 1998 (18.03.98)		

1. The following indications appeared on record concerning:				
<input checked="" type="checkbox"/> the applicant <input checked="" type="checkbox"/> the inventor <input type="checkbox"/> the agent <input type="checkbox"/> the common representative				
Name and Address	State of Nationality		State of Residence	
	Telephone No.			
	Facsimile No.			
2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:				
<input type="checkbox"/> the person <input type="checkbox"/> the name <input type="checkbox"/> the address <input type="checkbox"/> the nationality <input type="checkbox"/> the residence				
Name and Address HO, Anthony, Tung, Shuen Nanyang Technological University School of Electrical & Electronic Engineering Block S2 Nanyang Avenue Singapore 639 798 Singapore	State of Nationality		State of Residence	
	GB		SG	
	Telephone No.			
	Facsimile No.			
3. Further observations, if necessary: The above-mentioned applicant/inventor has assigned his rights to DATAMARK TECHNOLOGIES PTE LTD for the purposes of all designated States except US HO, Anthony, Tung, Shuen is now applicant/inventor for US only.				

4. A copy of this notification has been sent to:				
<input checked="" type="checkbox"/> the receiving Office <input type="checkbox"/> the International Searching Authority <input type="checkbox"/> the International Preliminary Examining Authority		<input checked="" type="checkbox"/> the designated Offices concerned <input type="checkbox"/> the elected Offices concerned <input type="checkbox"/> other:		

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer J. Leitao Telephone No.: (41-22) 338.83.38
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PATENT COOPERATION TREATY

PCT

From the INTERNATIONAL BUREAU

To:

HAQ, Murgiana
 Haq & Namazie Partnership
 Robinson Road Post Office
 P.O. Box 765
 Singapore 901 515
 SINGAPOUR

Date of mailing (day/month/year)
 01 October 1999 (01.10.99)

Applicant's or agent's file reference
 SY5000141WOF

IMPORTANT INFORMATION

International application No.	International filing date (day/month/year)	Priority date (day/month/year)
PCT/SG98/00023	18 March 1998 (18.03.98)	

Applicant
 HO, Anthony, Tung, Shuen et al

1. The applicant is hereby informed that the International Bureau has, according to Article 31(7), notified each of the following Offices of its election:

EP :AT,BE,CH,DE,DK,ES,FI,FR,GB,GR,IE,IT,LU,MC,NL,PT,SE
 National :AU,CA,JP,US

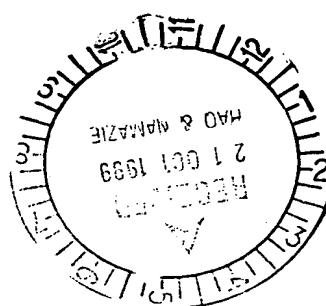
2. The following Offices have waived the requirement for the notification of their election; the notification will be sent to them by the International Bureau only upon their request:

National :SG

3. The applicant is reminded that he must enter the "national phase" before the expiration of 30 months from the priority date before each of the Offices listed above. This must be done by paying the national fee(s) and furnishing, if prescribed, a translation of the international application (Article 39(1)(a)), as well as, where applicable, by furnishing a translation of any annexes of the international preliminary examination report (Article 36(3)(b) and Rule 74.1).

Some offices have fixed time limits expiring later than the above-mentioned time limit. For detailed information about the applicable time limits and the acts to be performed upon entry into the national phase before a particular Office, see Volume II of the PCT Applicant's Guide.

The entry into the European regional phase is postponed until 31 months from the priority date for all States designated for the purposes of obtaining a European patent.



The International Bureau of WIPO
 34, chemin des Colombettes
 1211 Geneva 20, Switzerland

Facsimile No. (41-22) 740.14.35

Authorized officer:

C. Carrié

Telephone No. (41-22) 338.83.38

→ TC
PATENT COOPERATION TREATY

From the:
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To: HAQ & NAMAZIE PARTNERSHIP ROBINSON ROAD POST OFFICE PO BOX 765, SINGAPORE 901515 REPUBLIC OF SINGAPORE

PCT
NOTIFICATION OF TRANSMITTAL OF
INTERNATIONAL PRELIMINARY EXAMINATION
REPORT

(PCT Rule 71.1)

Date of mailing
day/month/year

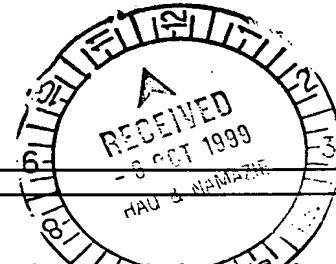
28 SEP 1999

Applicant's or agent's file reference SY5000141WOF

IMPORTANT NOTIFICATION

International application No. PCT/SG 98/00023	International filing date 18 March 1998	Priority date 18 March 1998
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Applicant HO, Anthony Tung Shuen



1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translations to those Offices.

REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide

Name and mailing address of the IPEA/AU AUSTRALIAN PATENT OFFICE PO BOX 200 WODEN ACT 2606 AUSTRALIA Facsimile No.: (02) 6285 3929	Authorized officer J.W. THOMSON Telephone No. (02) 6283 2214
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PATENT COOPERATION TREATY
PCT
INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference SY5000141WOF	FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416).
International application No. PCT/SG 98/00023	International filing date (<i>day/month/year</i>) 18 March 1998	Priority Date (<i>day/month/year</i>) 18 March 1998
International Patent Classification (IPC) or national classification and IPC Int. Cl. ⁶ G06F 12/14		
<p>Applicant HO, Anthony Tung Shuen</p>		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 3 sheets, including this cover sheet.
<input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).
These annexes consist of a total of sheet(s).
3. This report contains indications relating to the following items:
I <input checked="" type="checkbox"/> Basis of the report II <input type="checkbox"/> Priority III <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability IV <input type="checkbox"/> Lack of unity of invention V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI <input type="checkbox"/> Certain documents cited VII <input type="checkbox"/> Certain defects in the international application VIII <input type="checkbox"/> Certain observations on the international application

Date of submission of the demand 24 August 1999	Date of completion of the report 23 September 1999
Name and mailing address of the IPEA/AU AUSTRALIAN PATENT OFFICE PO BOX 200 WODEN ACT 2606 AUSTRALIA Facsimile No. (02) 6285 3929	Authorized Officer J.W. THOMSON Telephone No. (02) 6283 2214

I. Basis of the report

1. With regard to the elements of the international application:*

the international application as originally filed.

the description, pages , as originally filed,
 pages , filed with the demand,
 pages , filed with the letter of .

the claims, pages , as originally filed,
 pages , as amended (together with any statement) under Article 19,
 pages , filed with the demand,
 pages , filed with the letter of .

the drawings, pages , as originally filed,
 pages , filed with the demand,
 pages , filed with the letter of .

the sequence listing part of the description:
 pages , as originally filed
 pages , filed with the demand
 pages , filed with the letter of .

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.
These elements were available or furnished to this Authority in the following language which is:
 the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
 the language of publication of the international application (under Rule 48.3(b)).
 the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, was on the basis of the sequence listing:
 contained in the international application in written form.
 filed together with the international application in computer readable form.
 furnished subsequently to this Authority in written form.
 furnished subsequently to this Authority in computer readable form.
 The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
 The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

4. The amendments have resulted in the cancellation of:
 the description, pages
 the claims, Nos.
 the drawings, sheets/fig.

5. This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. Statement**

Novelty (N)	Claims 1 - 45	YES
	Claims	NO
Inventive step (IS)	Claims 1 - 45	YES
	Claims	NO
Industrial applicability (IA)	Claims 1 - 45	YES
	Claims	NO

2. Citations and explanations (Rule 70.7)

WO 97/26732 (DICE) 24 July 1997

WO 97/43761 (INTERTRUST) 20 November 1997

Neither of these citations discloses the invention as defined in claims 1 to 45.

PATENT COOPERATION TREATY

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference SY5000141WOF	FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416).	
International application No. PCT/SG 98/00023	International filing date (day/month/year) 18 March 1998		Priority Date (day/month/year) 18 March 1998
International Patent Classification (IPC) or national classification and IPC Int. Cl. ⁶ G06F 12/14			
Applicant HO, Anthony Tung Shuen			

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 3 sheets, including this cover sheet.

This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of sheet(s).

3. This report contains indications relating to the following items:

I	<input checked="" type="checkbox"/> Basis of the report
II	<input type="checkbox"/> Priority
III	<input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
IV	<input type="checkbox"/> Lack of unity of invention
V	<input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
VI	<input type="checkbox"/> Certain documents cited
VII	<input type="checkbox"/> Certain defects in the international application
VIII	<input type="checkbox"/> Certain observations on the international application

Date of submission of the demand 24 August 1999	Date of completion of the report 23 September 1999
Name and mailing address of the IPEA/AU AUSTRALIAN PATENT OFFICE PO BOX 200 WODEN ACT 2606 AUSTRALIA Facsimile No. (02) 6285 3929	Authorized Officer J.W. THOMSON Telephone No. (02) 6283 2214

I. Basis of the report

1. With regard to the elements of the international application:*

the international application as originally filed.

the description, pages , as originally filed,
 pages , filed with the demand,
 pages , filed with the letter of

the claims, pages , as originally filed,
 pages , as amended (together with any statement) under Article 19,
 pages , filed with the demand,
 pages , filed with the letter of

the drawings, pages , as originally filed,
 pages , filed with the demand,
 pages , filed with the letter of

the sequence listing part of the description:
 pages , as originally filed
 pages , filed with the demand
 pages , filed with the letter of

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language which is:

the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).

the language of publication of the international application (under Rule 48.3(b)).

the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, was on the basis of the sequence listing:

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

4. The amendments have resulted in the cancellation of:

the description, pages

the claims, Nos.

the drawings, sheets/fig.

5. This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. Statement**

Novelty (N)	Claims 1 - 45	YES
	Claims	NO
Inventive step (IS)	Claims 1 - 45	YES
	Claims	NO
Industrial applicability (IA)	Claims 1 - 45	YES
	Claims	NO

2. Citations and explanations (Rule 70.7)

WO 97/26732 (DICE) 24 July 1997

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